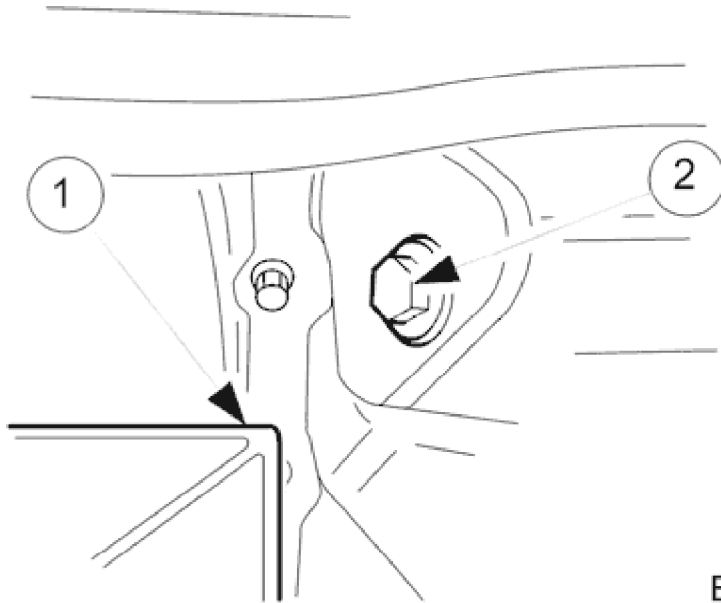


## Oil Pan Gasket 12.60.38

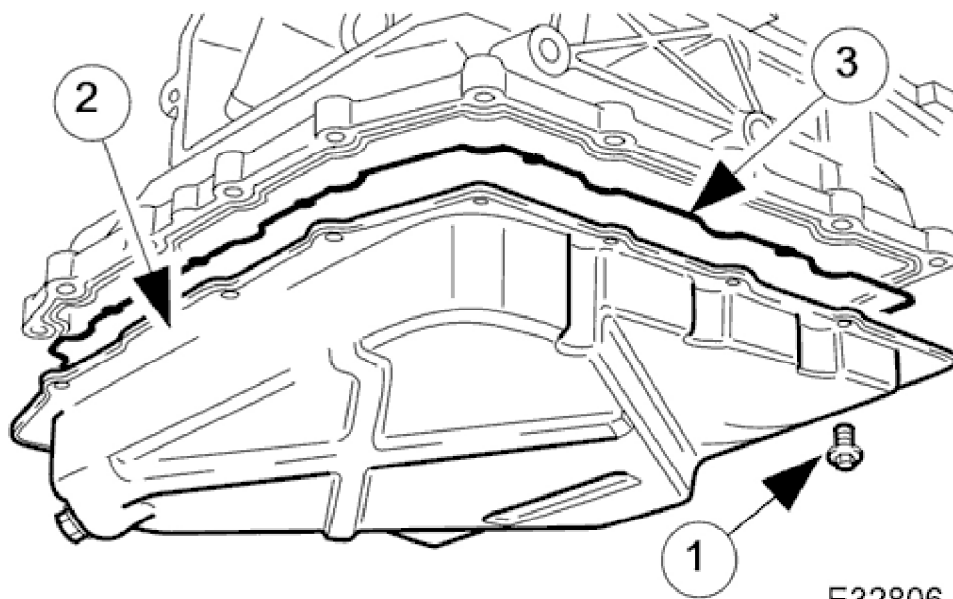
### Removal

1. Open the engine compartment and fit paintwork protection sheets.
2. Raise the vehicle on a ramp.



E35325

3. Drain the engine oil.
  1. Position the waste oil bowser.
  2. Remove the drain plug and drain the engine oil.
    - Fit a new sealing washer to the drain plug.
    - Wipe the drain plug and refit it to the oil pan to prevent oil dripping.
    - Move the oil bowser away from the vehicle.

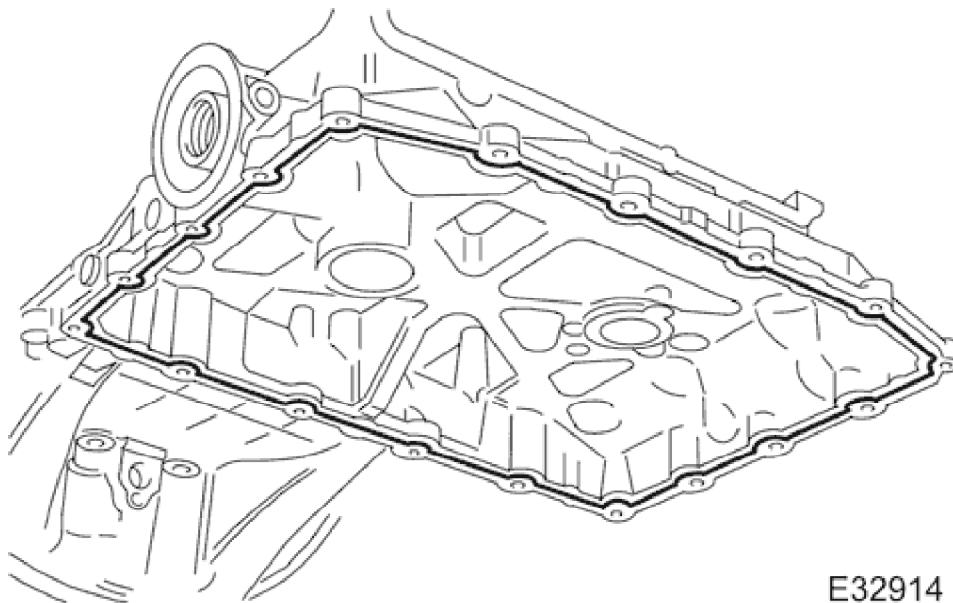


4. Remove the oil pan.

1. Remove the eighteen bolts which secure the oil pan.
2. Remove the oil pan.
3. Remove the gasket.

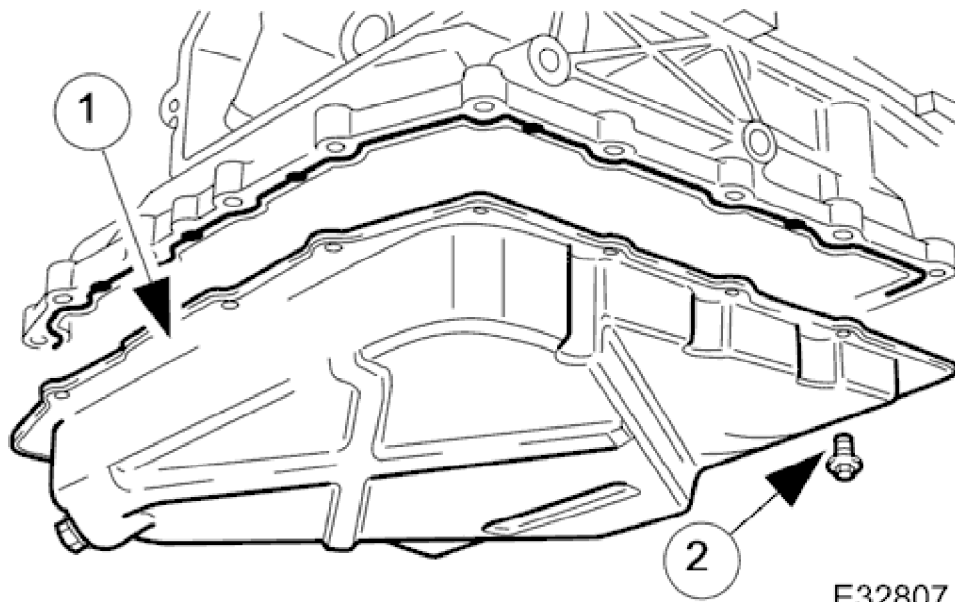
5. Clean and inspect the sealing faces on the oil pan and mating faces.

### Installation



1. Fit the oil pan gasket to the cylinder block adaptor body.

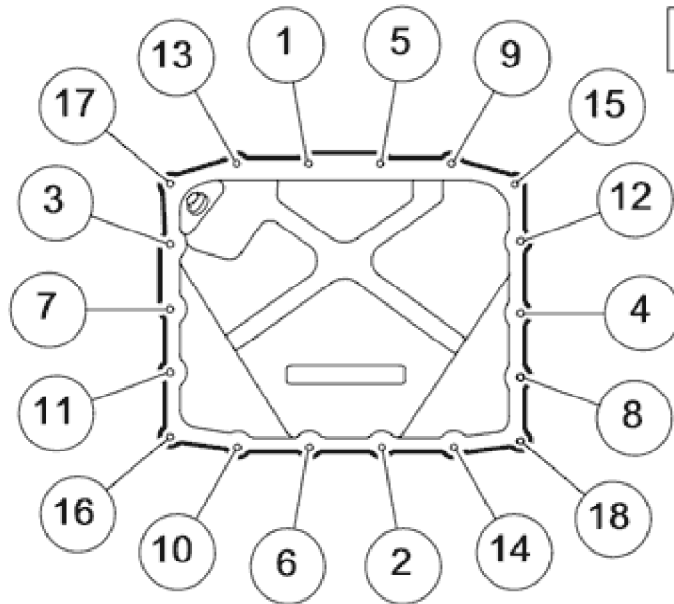
- Insert the seal into the locating positions in the groove, working around from a corner.
- Press in the remainder of the seal, following the same procedure.



2. Fit the oil pan.

1. Position and align the oil pan.

2. Fit, but do not tighten, all eighteen bolts which secure the oil pan.



3. Tighten the bolts to the correct torque figure 11 - 13 Nm, in the sequence indicated.

- Tighten the drain plug to 30 - 40 Nm.
- Fit a new oil filter.

4. **NOTE:**

When the engine is started from cold and run for a short period only, before being switched off, a quantity of oil will be 'hung up' within the engine because it is not up to operating temperature.

Should the oil level subsequently be topped-up, the level could become too high, causing oil burning.

## 1999 XJ RANGE - Engine - 303-01

Typically, 0.875 L is hung up.

Lower the ramp. Refill the engine with the correct specification engine oil.

5. Remove the paint protection sheets and close the engine compartment.